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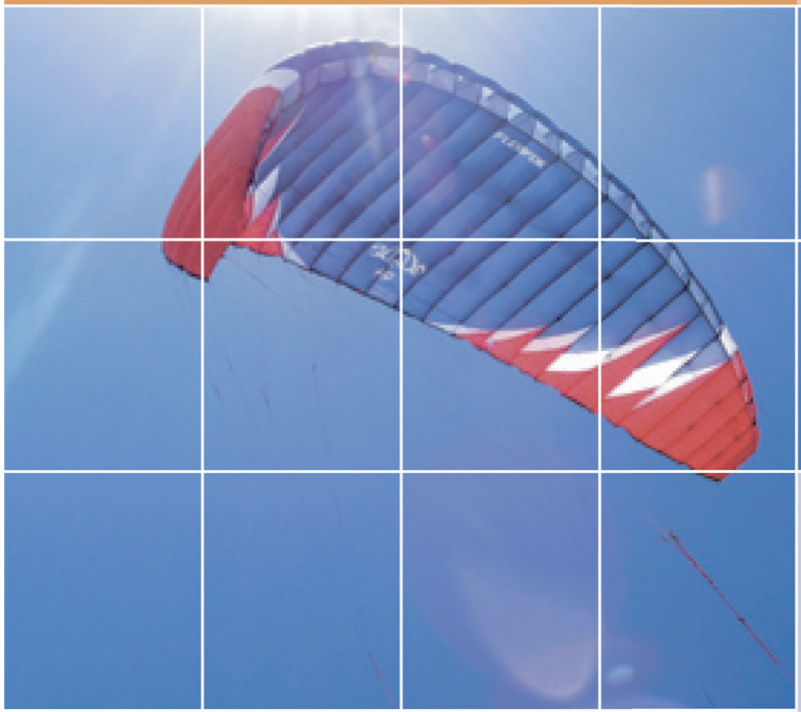

ProofMaster RIP v3

User Guide

Win

Mac Universal

The all-in-one software solution suite for color accurate digital proofing, printing and cutting

www.perfectproof.com

ProofMaster 3.0
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Chapter 1

Chapter 1: Installing ProofMaster

Topics

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Installation overview

System requirements

The system requirements are listed on the product pages on the PerfectProof Web site: www.proofmaster.net.

Administrator account required

To install and use ProofMaster, you need to log on to your computer with an administrator account.

Installation steps

Installation for ProofMaster includes:

1. Installing driver software for peripherals.
   - Inkjet printers
   - Dongle
   - Spectrophotometer
2. Installing the ProofMaster software.
3. Unlocking the ProofMaster dongle.
4. Adding licensed options.
5. Configuring physical printers.
6. Sharing ProofMaster queues across the network.
7. Setting up the spectrophotometer.

1.1 Installing driver software for peripherals

Peripherals used by ProofMaster, and requiring driver software, include:

- Inkjet printers
- ProofMaster dongle
- Spectrophotometer

Installing printer drivers

Manual installation of printer drivers

Requirements for installing manufacturers' driver software are generally platform-specific. Manual installation of printer drivers is:

- Almost never necessary on Macintosh computers. Mac OS X displays messages in the exceptional cases that include Canon printers with USB connections.
- Required on Windows computers for USB printers and FireWire connections, but unnecessary for network-connected printers.

Automated configuration of the first printer used by ProofMaster depends on your connecting and turning on the device prior to installing ProofMaster software.

On Windows PCs, manufacturers' printer drivers establish printer ports that ProofMaster detects on installation. If the driver for a printer connected to a USB port or parallel (LPT) port of a ProofMaster computer is unavailable, the printer is not configurable upon completion of the installation procedure.

Installing the dongle driver

To install the dongle driver software on the ProofMaster computer

Proceed as follows:

1. Ensure that the ProofMaster dongle is not currently installed in a USB port.
2. Insert the ProofMaster CD into the CD-ROM/DVD-ROM drive of your computer.
3. Locate and double-click the dongle driver installer.
4. Follow the on-screen installation instructions.
5. Restart the computer if you're prompted to do so.

Insert your dongle in a USB port before starting any of the ProofMaster applications. If your dongle is unavailable, all ProofMaster applications (RIP, Editor, and Calibrator) run in demonstration mode.

Do not insert your dongle in a USB hub. USB hubs can prevent proper functioning of the dongle or even damage it.

Checking the license information

To check the license information

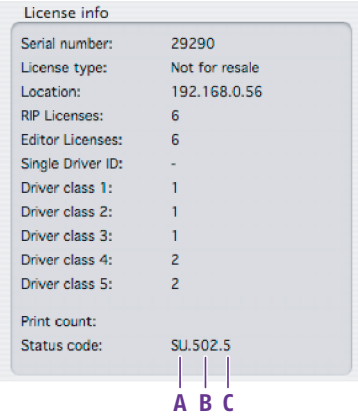
All ProofMaster options are installed on the ProofMaster computer, but individual software options must be licensed to your site through the dongle issued by PerfectProof. You can verify the licensing of purchased options through ProofMaster RIP.

Do one of the following:

- In Microsoft Windows, choose **Help > License Info**.
- In the Mac OS, choose **ProofMaster RIP > License Info**.

About the status of the license

The **License Info** has a **Status code** showing internal details about the license acquired. The code consists of the following parts:



A. Lock status

B. License version

C. Driver type

Lock status

The lock status can be:

- **L**, meaning locked. You can print up to 50 copies with a locked dongle. After this, you will be prompted to update your license and jobs will not process anymore until the dongle is unlocked.
- **U**, meaning unlocked (unlimited printing).

Additionally, the code **S** can be shown to indicate that the license has been acquired from the License Server instead of the local dongle.

License version

The license version shows the applications suite which is allowed to start. For example, the 5xx range indicates ProofMaster: 501 is PM2, 502 is PM3, etc.

Driver type

The driver type code shows which dongle driver is used:

Driver type	Dongle driver
1	Sentinel SuperPro Mac driver version 1.0.0.1 (Yellow or black dongle)
2	Sentinel SuperPro Mac driver version 1.0.0.2 (Yellow or black dongle)
3	Sentinel SuperPro Windows driver (Yellow or black dongle)
4	Sentinel Eve3 (Purple dongle)
5	LicenseServer (network license)

See also:

- Using License Server on page 20
- Unlocking the ProofMaster dongle on page 25

Using License Server

About License Server

License Server is a program which allows you to use multiple ProofMaster programs on multiple computers in a network. It does so by distributing the licenses on the dongle over your network. This means that the dongle needs to be found in a USB port of the computer on which License Server is running.

If you use License Server and check the **License Info** in ProofMaster, you will see which licenses are in use on which computers (IP addresses).

Only one License Server can run in a network. If a second License Server is started, the first one will quit without warning (but this event will be logged on the Mac OS).

To check whether License Server is running

Do one of the following:

- In Microsoft Windows: Check **Control Panel > Administrative tools > Services > ProofMaster License Server.**
- On the Mac OS: check the **Console Log.**

To delete License Server (Mac OS)

Remove the following components from your System Library:

- System/Library/Application Support/ProofMaster/LicenseServer
- System/Library/LaunchDeamons/LicenseServer

Installing the spectrophotometer

When do you need a spectrophotometer?

You need spectrophotometers to perform the following tasks:

- Creating printer profiles
- Relinearizing printers that have fallen out of calibration

See also:

- Calibrating printers in the ProofMaster Calibrator User Guide
- Relinearizing the printer profile in the ProofMaster Calibrator User Guide

Supported spectrophotometers

ProofMaster supports the following spectrophotometers, and any others identified on www.proofmaster.net.

Manufacturer	Models
GretagMacBeth	Spectroscan/Spectrolino, Eye-One, Eye-One-IO, ICColor
XRite	DTP20, DTP41, DTP41 USB, DTP45, DTP70, SwatchBook

You or your PerfectProof reseller (if they are the actual user of the device) should install necessary driver software on the ProofMaster computer if it is a Windows PC. Refer to the installation instructions of the respective spectrophotometer.

See also:

- Setting up the spectrophotometer on page 32

1.2 Installing the ProofMaster software

Mac OS or Microsoft Windows?

Instructions for installing ProofMaster software are specific to:

- Macintosh computers
- Microsoft Windows computers

Installing ProofMaster software on a Macintosh computer

To install ProofMaster software on a Macintosh computer

Proceed as follows:

1 Connect and turn on the first printer (of those licensed) to be configured for ProofMaster.

If USB printers are daisy-chained, ensure that the printer you want to set up for ProofMaster is the first one in the chain.

2 Log in with an administrator account to the ProofMaster computer.

3 Insert the ProofMaster CD into the CD-ROM/DVD-ROM drive of your computer.

4 Locate and double-click the ProofMaster installer.

5 Follow the on-screen installation instructions.

See also:

- Unlocking the ProofMaster dongle on page 25
- Configuring physical printers on page 29
- Configuring a ProofMaster queue on page 44

Installing ProofMaster software on a windows computer

To install ProofMaster software on a Windows computer

Proceed as follows:

1. Connect and turn on the first printer (of those licensed) to be configured for ProofMaster.

If USB printers are daisy-chained, ensure that the printer you want to set up for ProofMaster is the first one in the chain.

2. Log in with an administrator account to the ProofMaster computer.
3. Insert the ProofMaster CD into the CD-ROM/DVD-ROM drive of your computer.
4. Locate and double-click the ProofMaster installer.
5. Follow the on-screen installation instructions.

You can select custom installation to modify the path of **Destination Folder**. If you do so, do not deselect installation of individual ProofMaster options.

See also:

- Unlocking the ProofMaster dongle on page 25
- Configuring physical printers on page 29

Unlocking the ProofMaster dongle

Obtaining the unlocking code by phone

If you cannot connect to the Internet, call PerfectProof for your unlocking code:

Region	Phone number
The Americas	(888) 228 9070
Europe and all other locations	+32 15 27 25 02

Obtaining the unlocking code from the ProofMaster site

You need to have a ProofMaster user account to obtain the unlocking code from the ProofMaster site. Proceed as follows:

1. Make sure your web browser is set up to accept cookies.

   Refer to the Help of your browser to set up cookie rules.
2. Go to www.proofmaster.net.
3. Do one of the following:
   - If you already have a ProofMaster account, type your user name and password and click **Log in**. Proceed with step 6.
   - If you are a new user, click **Sign Up**, and then **Register** to create a ProofMaster account.
4. Complete the registration form and click **New User**.

Spaces are not allowed in your user name.

5. Type your user name and password and click **Log In**.
6. Click **Support > Unlock codes PM v3**.
7. Enter the serial number which you find on your dongle and click **Submit**.
8. Check your e-mail: you will have received an e-mail message with your dongle number and your unlocking code.
9. Log in with an administrator account to the ProofMaster computer.
10. Insert the ProofMaster dongle in a USB port.

Do not insert your dongle in a USB hub. USB hubs can prevent proper functioning of the dongle or even damage it.

11 Start ProofMaster RIP.

The **Unlock ProofMaster 3** dialog box appears.

12 Enter your unlocking code and click **OK**.

The unlocking code for your installation never changes.

Adding licensed options

The ProofMaster dongle controls the actually availability of licensed options. If you license additional options, it is not necessary to install additional software.

The unlocking code for your ProofMaster dongle never changes.

Internet connection is available

1. Log in with an administrator account to the ProofMaster computer.
2. Insert the ProofMaster dongle in a USB port.
3. Run `ProofMaster 3/Utilities/Online License Updater`.

   The **Online License Updater** automatically updates the dongle by connecting to the PerfectProof server.
4. Quit the **Online License Updater** upon confirmation.
5. Start ProofMaster RIP.

   The **Unlock ProofMaster 3** dialog box appears.
6. If necessary, enter your unlocking code.
7. Click **OK**.

   The **License Info** window appears with all currently licensed options checked.

Internet connection is unavailable

1. Obtain a ProofMaster application updater file (AUF) from your PerfectProof reseller.

The name of the AUF file is *DongleNumber*.auf

2. Log in with an administrator account to the ProofMaster computer.
3. Insert the ProofMaster dongle in a USB port.

Do not insert your dongle in a USB hub. USB hubs can prevent proper functioning of the dongle or even damage it.

4. Start ProofMaster RIP.

5 Choose **Help > License Info.**

The **License Info** window appears with all previously licensed options checked.

6 Click **Update**.

7 Browse to and select the AUF file.

The **License Info** window reappears with all currently licensed options checked.

8 Quit and restart ProofMaster RIP.

The **Unlock ProofMaster 3** dialog box appears.

9 If necessary, enter your unlocking code.

10 Click **OK**.

The **License Info** window appears with all currently licensed options checked.

Configuring physical printers

Configuring found USB or Bonjour printers (Macintosh only)

In Macintosh OS X, ProofMaster can detect the printer model and connection type on the local network for:

- Printers with USB connections
- Bonjour-compatible printers (Bonjour is the Apple technology formerly known as Rendezvous)

ProofMaster automatically configures Bonjour printers for processing jobs.

ProofMaster opens the **Printer Options** dialog after installation, on detection of the first printer in a USB chain. To configure the found printer, do one of the following:

- Click **Install** for automatic configuration of a USB or Bonjour printer.
- Click **Manual** and follow the instructions in Configuring additional physical printers, starting with step 4.

Configuring additional physical printers

You can configure additional licensed printers at any time after installing ProofMaster software. Proceed as follows:

1. Start ProofMaster RIP.
2. Choose **File > Printer > New**.

   The **Printer Options** dialog appears.
3. Select a configuration method:
   - **Install**, for the automatic configuration of a USB or Bonjour printer
   - **Manual**, and proceed with step 4.
4. Select the **Printer Manufacturer** and **Model** from the list.
5. Specify the **Connection** settings:
   - For USB connections, select a printer **Port**.
   - For TCP/IP connections, enter the IP address of the printer.

Network hardware sometimes prevents ProofMaster from communicating via a TCP/IP connection. If you cannot configure a supported printer, append the printer port to the IP address. Use the manufacturer-specific port number in the following table, and insert a colon (:) in between the IP address and the printer port number.

Network Card Manufacturer	Printer Port
Epson	515
Canon	515
HP	9100
SEH	9100

6 Click **OK**.

The **Queue Options** dialog appears. You now have to configure the queue for the printer.

See also:

- Creating and configuring ProofMaster queues on page 41

Sharing ProofMaster queues across the network

ProofMaster queue presented as a printer

When you set up a ProofMaster queue, you will at some point have the option **Register as a printer**. The ProofMaster queue will then appear as a printer:

- In the list of **Printers and Faxes** in **Control Panel** (Windows)
- In the **Printer List** (Mac OS)

You can then share this ProofMaster queue across the network, just as you would do for a regular printer.

To register a ProofMaster queue as a printer

Proceed as follows:

1. In ProofMaster RIP, select the ProofMaster queue which you want to share and choose **File > Queue > Setup**.
2. In the **Queue Options** dialog, click the **Workflow** tab and make sure **Register as a printer** is selected.
3. Click **OK**.

See also:

- Creating and configuring ProofMaster queues > Workflow on page 46.

To share a ProofMaster queue across the network

You can share a ProofMaster queue across the network in the same way as you share a regular printer. Refer to the Help of your operating system for more information on sharing printers.

Setting up the spectrophotometer

Configure and calibrate

If you use a spectrophotometer with ProofMaster Calibrator, you need to configure and calibrate it on the ProofMaster computer. Configuring the spectrophotometer is necessary:

- When you use the spectrophotometer for the first time
- If the configuration changes.

To set up the spectrophotometer

Proceed as follows:

1. In Microsoft Windows, make sure that the spectrophotometer driver is already installed on the ProofMaster computer.
2. Do one of the following:
   - Start ProofMaster Calibrator, select a queue and click **Create printer profile**.
   - If you're in ProofMaster RIP, select a queue and click the **Go to Calibrator** button ( ) in the main printer window.
3. Click the **Measuring** tab.
4. Select your **Type** of spectrophotometer and the **Port** to which it is connected.
5. Click **Calibrate Device**.

See also:

- Installing the spectrophotometer on page 21

1.3 Setting the ProofMaster preferences

To access the ProofMaster preferences

1. Choose **Edit > Preferences**.
2. Set the ProofMaster preferences:
   - Work folder
   - Automatic update
   - Units
   - Views
   - Fonts
   - Files
   - Nesting

Work folder

The ProofMaster work folder is the place where the actual jobs will be saved. The default work folder is the ProofMaster installation folder. If you wish to change this, click **Select** and select a different work folder.

Make sure you select a folder on a hard disk or network drive which has sufficient free disk space.

See also:

- Files on page 35

Automatic update

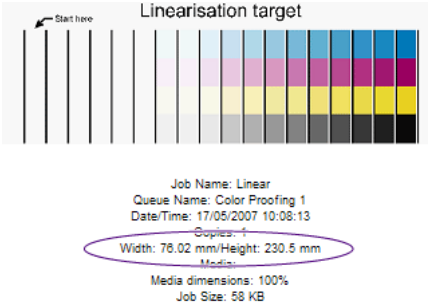
Select when you want ProofMaster to check whether there are any updates of the software or profiles available.

See also:

- Checking for updates on page 38

Units

You can select the unit of measurement which you want to use in ProofMaster. Also the job previews will use this unit of measurement.



See also:

- Changing the job preview on page 97

Views

You can select the columns you wish to see in the jobs list of your printer. Proceed as follows:

1. If you have set up multiple printers, click in one of the main printer windows.
2. Choose **Edit > Preferences** and click **Views**.
3. Select the columns you wish to see in the jobs list of this printer.

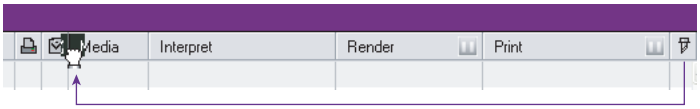
The following columns have an icon in the column heading:

Column	Icon	Meaning
Cut job		Jobs sent from ProofMaster Editor for cutting.
RIP job		Jobs sent from ProofMaster Editor with the RIP option selected for that layer.
Certification		Jobs which are Enfocus Certified PDFs.

If you select a new column to be displayed, it will be inserted to the right of the columns which are currently displayed. You can move this column as follows:

1. Click the column heading.

2 Drag the column to the position of your choice.



Fonts

If necessary, click **Add** and select any folders which contain fonts.

Files

To save disk space, you can delete files of processed jobs automatically, either immediately after the job has been printed or after a given number of days. You can do this for the following types of jobs:

Job	Files
Input job	All original files
PDF job	PDF files
Print job	The *.spp folder containing the printer data.

If you choose to delete jobs automatically, the following will happen:

- The jobs will be removed from the **Processed Jobs** list in the main printer window.
- The folder of the jobs will be removed from your ProofMaster work folder, for example `ProofMaster 3/Work`.

See also:

- Work folder on page 33

Nesting

To save media, you can "nest" jobs, meaning that you can combine multiple jobs on one length of media. The jobs will be rendered first and then nested. The nesting preferences are specific for each printer, depending on the paper size and paper source which the printer supports.

Proceed as follows to set the nesting preferences for a printer:

1 Select a queue in the **Output to** pane.

2 Choose **Edit > Preferences** and click **Nesting**.

3 Select the **Paper Size** and **Paper Source** which you wish to use for nested jobs.

4 Specify when nested print jobs can start.

If the media length is not displayed in the unit of measurement of your choice, you can click the **General** tab and select a different unit.

5 Specify the space you wish to keep between the parts of a nested job.

6 Select whether you want to **nest jobs with different printer profiles**.

7 Click **OK**.

8 Select a queue in the main printer window.

9 Choose **File > Queue > Nest**.

The icon of the queue will change, indicating that it will nest jobs.

Regular queue icon

Queue set for nesting jobs

1.4 Backing up and restoring your ProofMaster configuration

About backup and restore

Once you have set up and properly configured your ProofMaster printers and queues, it is recommended to create a backup of this configuration. You may also wish to do this before you are going to make any thorough changes in your configuration.

A ProofMaster backup is essentially a ZIP file which contains:

- ICC profiles
- Printer profiles (*.dfp)
- Job tickets
- DeviceLink profiles
- Substrate simulation files
- An XML file containing the settings of your ProofMaster preferences, printers and queues

To create a backup of your ProofMaster configuration

Proceed as follows:

1. Choose **Edit > Back up settings**.
2. Select a folder and save the ZIP file.

To restore a backup configuration

Proceed as follows:

1. If necessary, create a backup of your current ProofMaster configuration.

Any changes which you have made to your ProofMaster configuration since the latest backup will be removed when you restore the backup. For example, if you created a new queue since then, the queue will be removed.

2. Choose **Edit > Restore**.
3. Select the backup file (*.zip) which you created earlier and click **Open**.
4. Restart ProofMaster RIP.

1.5 Checking for updates

Updates and rollback

Updates for ProofMaster software are available on www.proofmaster.net, but you can also check from within ProofMaster whether updates are available of:

- The ProofMaster software
- Printer profiles

If you installed any updates of ProofMaster, you can always roll back to a previous version, if necessary.

To install updates or roll back to a previous version of ProofMaster

Proceed as follows:

1. Make sure that there aren't any jobs in progress, because ProofMaster will automatically quit when updates are installed.
2. Do one of the following:
   - In Microsoft Windows, choose **Help > Software Update**.
   - In the Mac OS, choose **ProofMaster RIP > Software Update**.
3. Do one of the following:
   - Select one or more applications and click **Update**.
   - Click **Roll back** to revert to the previous version.

Chapter 2

Chapter 2:
Creating and configuring ProofMaster queues

Topics

In this chapter:

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About ProofMaster queues

Types of ProofMaster queues

You can set up the following types of ProofMaster queues:

- Color proofing queues
- Photo printing queues
- 1-Bit proofing queues
- Screen printing queues

Color proofing queues

A color proofing queue simulates a specific printing process. The queue is configured to reproduce the colors of the reference profile when you print a proof on your inkjet printer.

Photo printing queues

A photo printing queue prints reproductions of source images and vector graphics. Output is optimized for the gamut of the target inkjet printer. Applications include large-format printing, photo printing, poster printing, and fine-art printing.

1-Bit proofing queues

A 1-bit proofing queue simulates a halftone printing process for which 1-bit TIFF source files are created, such as for offset or flexographic printing. Using the same 1-bit files generated for the press, ProofMaster composes and prints color-corrected proofs. As for color proofing queues, the color space is limited to that of the reference profile. The 1-bit TIFF format is secure, and halftones in the prepress source files are preserved.

Screen printing queues

A screen printing queue generates halftone separations, from pre-separated or composite files. Outputs are ready-to-use silkscreen films.

Creating a new ProofMaster queue for a printer

To create a new ProofMaster queue for a printer

Once you have defined a printer, you can create one or more ProofMaster queues for this printer. Proceed as follows:

1 If you have more than one printer defined, choose **View** and select the printer for which you want to create a new ProofMaster queue.

A. Name of the printer in the active printer window

2 Do one of the following:

- Choose **File > Queue > New**.
- Click the **Add Queue** button (+) in the lower left corner of the **Output to** pane.

The **Queue Options** dialog appears.

3 Configure the ProofMaster queue.

See also:

- Configuring a ProofMaster queue on page 44
- Configuring physical printers on page 29

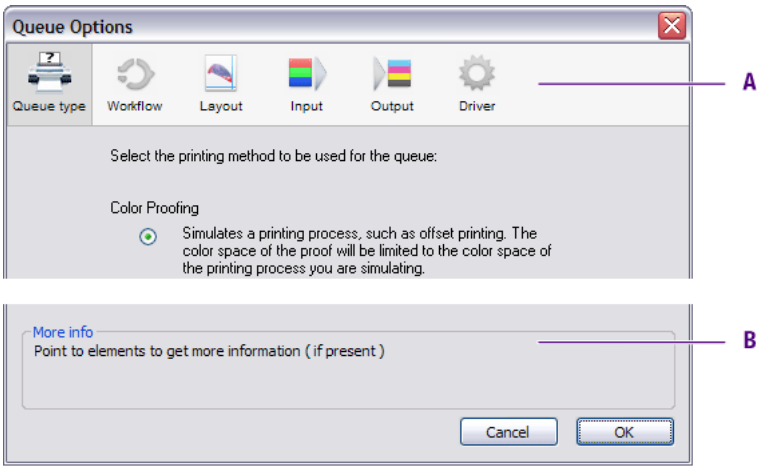
Configuring a ProofMaster queue

Using the Queue Options dialog

To configure a ProofMaster queue, you use the **Queue Options** dialog. You do this when you create a new queue, but you can also change the configuration of a queue later. The idea is that you:

1. Select a queue.
2. Open the **Queue Options** dialog.
3. Go through the tabs and select the appropriate options.

Observe the tips in the More info area to help you make the correct choices.


Queue Options
Queue type
Workflow
Layout
Input
Output
Driver
A
Select the printing method to be used for the queue:
Color Proofing
Simulates a printing process, such as offset printing. The color space of the proof will be limited to the color space of the printing process you are simulating.
More info
Point to elements to get more information (if present)
B
Cancel
OK

A. Tabs

B. **More info** area

To access the Queue Options dialog

Do one of the following:

- Double-click a ProofMaster queue in the **Output to** pane.
- Select a ProofMaster queue and choose **File > Queue > Setup**.
- Select a ProofMaster queue, click the **Queue Options** button ( ) and choose **Setup Queue**.

Overview of ProofMaster queue properties

The properties of a ProofMaster queue are arranged in categories, presented by the various tabs in the **Queue Options** dialog. Some tabs are available for some types of queues only. For example, the **Proofing** tab is only available for **Color Proofing** and **1-Bit Proofing** queues. You can click the greater-than signs (>>) in a cell to navigate to the respective configuration instructions.

Queue Type	**Workflow**	**Layout**	**Input**	**Proofing**	**Output**	**Driver**	**Screening**
Color Proofing	>>	>>	>>	>>	>>	>>	
Photo Printing	>>	>>	>>		>>	>>	
1-bit Proofing	>>	>>		>>	>>	>>	
Screen Printing	>>	>>	>>		>>	>>	>>

Workflow

To set the workflow properties of a ProofMaster queue

Proceed as follows:

1. Double-click the ProofMaster queue of your choice.
2. Make sure that the correct **Queue type** is selected.
3. Click the **Workflow** tab.
4. Set the workflow properties of the ProofMaster queue:
   - Input
   - Job name recognition (1-bit proofing queues only)
   - Export

Observe the tips in the More info area to help you make the correct choices.

Input

1. Enter a unique, descriptive name for the queue in the **Queue Name** box.

By default, ProofMaster names the queue as follows: queue type + number, for example "Color Proofing 1". You may wish to rename this queue, so that the name reflects the printer make and model, and printing media, as in Epson7600_SemiMatte. Observe the following when (re)naming ProofMaster queues:

- The first character of the name must be a letter of the alphabet.
- Use underscore characters (_), not spaces, to separate the elements of a compound name.
- Use only characters which are allowed in file names by your operating system. For example, do not use a backslash (\) in Microsoft Windows or a colon (:) in the Mac OS.

2 If you want to share the ProofMaster queue across the network, make sure that the option **Register as a printer** is selected.

If you configure a **1-bit proofing** queue, click to clear the **Register as a printer** check box. Otherwise, people may try to print 1-bit TIFF files by mistake before ProofMaster processes them.

ProofMaster actually prints composite reproductions of 1-bit TIFF files on inkjet printers. The composite reproduction printed for each job integrates the set of 1-bit TIFF files placed in the input hot folder of the queue for processing.

3 Click the **Browse** button ( ) in the **Input** area and specify the input hot folder.

Every ProofMaster queue has a hot folder for processing input. Any file which arrives in this hot folder will automatically be processed by the queue, provided that the file format is supported.

By default, the input hot folder:

- Has the same name as the queue
- Is a subfolder of `ProofMaster 3/Hot Folders/`

If necessary, you can change the name or path (location) of the input hot folder. This does not have any effect on the name of the ProofMaster queue. An input hot folder:

- Need not be a subfolder of `ProofMaster 3/Hot Folders/`
- Can be located on a server volume mounted before ProofMaster RIP starts

PerfectProof recommends setting up queue-specific hot folders for processing input files generated by workflows.

4 If you do not want ProofMaster to monitor subfolders of the main hot folder for incoming files, check **No subfolder scan**.

ProofMaster should not monitor subfolders if a workflow (for example, Screen TrueFlow) outputs files to temporary folders in the process of producing input files in the main hot folder.

5 In the **Timeout** box, specify the number of seconds that ProofMaster should allow for ensuring that copying of individual files to the input hot folder is complete.

For **1-bit jobs**, ProofMaster uses the timeout period to determine whether each of the files needed for processing the jobs is completely written to the hot folder. The queue can process files as the conditions are met.

Files in the hot folder are checked every three seconds while the specified timeout period is elapsing. The timeout period defines the total number of seconds allowed for each file to comply with all of the following conditions during a periodic check:

- The file has increased in size.
- The file can be overwritten (is not write-protected).
- The file is stable (readable).

ProofMaster assumes that multiple files belong to the same job if:

- The file names are identical except for embedded color (plate) indicators (C, M, Y, K)
- The files appear in the hot folder during the same timeout period.

The composite reproduction includes all files that meet these criteria.

See also:

- Adding a job to a queue > To add jobs by using a hot folder on page 81
- Managing ProofMaster queues > Duplicating a queue on page 73

Job name recognition (1-bit proofing queues only)

In the **Job name recognition** area, you define conventions for identifying the 1-bit files which a RIP outputs to the hot folder.

File name structure: definition

A file name structure is a user-defined sequence that can include:

- Constants
- Variables
- Separating characters

A file name structure does not include an extension (such as ".tif"). The structure is the same for all of the multiple files that belong to a 1-bit job.

The embedded color indicators that vary with the files and offset plates include:

- Cyan or C
- Magenta or M
- Yellow or Y
- Black or K

The file name structure must contain the color indicator, but need not include any other elements. The number of expected files or colors can be preset in terms of the number of offset plates.

ProofMaster uses the matching condition set up for the queue to ensure identification of the color indicator embedded in the file name structure. The color indicator must occur at the same location in the name of each of the incoming files for a job. The placement of the **%c** variable defines this location in relation to the other elements of the file name structure.

To configure job name recognition

1 Enter the file name structure.

You can combine constants, separating characters, and the following variables in any order:

Variable	Description
%c	Color-specific indicator whose value is different for each file and corresponding plate.
%j	Fixed job name.
%n	Number.
%p	Page number.
%x*	Fixed number (x) of sequential, nonspecific characters in the file name that ProofMaster ignores when parsing the name of an incoming file.

Valid separating characters depend on the imagesetter RIP that generates the 1-bit files. ProofMaster can recognize these characters:

- Space (“ ”)
- Underscore (“_”)
- Period (“.”)
- Left and right parentheses (“()”)
- Left and right curly brackets (“{}”)

For example:

Color Indicator	File Name Structure	Examples of Valid Incoming File Names
In between separating characters	%j(%c)	*FixedText*(Cyan).tif
	%j_%c_	*FixedText*_C_.tif
	%j %p (%c)	*FixedText* 01 (Cyan).tif
	%j_%n_(%c) %P	*FixedText*_1_(Cyan) 01.tif
Extension	%j.%c	*FixedText*.Magenta, *FixedText*.M
File name	%c	Yellow.tif, Y.tif
Part of file name	%10*%1c	*FixedText*_C.tif, *FixedText*_M.tif, and *FixedText*_Y.tif

2 Select the matching condition that is compatible with the file name structure. Options include:

Condition	Description
In between	Expects a color indicators within each file name, in between the character selected from the list.
As extension	Expects a color indicator as the extension of each file name.
As file name	Expects a color indicator for each file name.
As part of name from	Expects a color indicator within the section of the file name delimited by the first and last characters selected from the list.
Custom	User-defined.

3 Enter the number of offset plates (files) submitted for recognizable jobs, in the **Number of plates** box.

Use this option when the number of plates is constant, as in newspaper printing, which always requires four separations because spot colors are never used. Do not select this option for queues whose jobs' plates and separations vary in number.

Export

1 If necessary, click the **Browse** button ( ) in the **Export** area and specify the output hot folder.

ProofMaster queues do not have export folders by default. Queues for which you do not set up export folders, do not export files for processed jobs.

Multiple ProofMaster queues can share an export folder. PerfectProof recommends setting up queue-specific export folders for generating files for the next application in a workflow, that is, when ProofMaster export folders function as input hot folders of other applications.

2 Select the export file format: Original, PS or PDF.

1-Bit proofing queues can only export the original file format.

See also:

- Sharing ProofMaster queues across the network on page 31
- Exporting a job on page 92

Layout

To set the layout properties of a ProofMaster queue

Proceed as follows:

1. Double-click the ProofMaster queue of your choice.
2. Make sure that the correct **Queue type** is selected.
3. Click the **Layout** tab.
4. Set the layout properties of the ProofMaster queue:
   - Media selection
   - Resize
   - Position
   - Marks
   - Mirror
   - Automatic job rotation
   - Template
   - Job ticket

Observe the tips in the More info area to help you make the correct choices.

Media selection

1. If necessary, select the size of the media loaded in the printer, or select a custom media size.

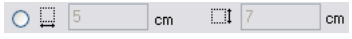
If you do not replace the default setting **<Specified by Job>**, users must specify a paper size for every individual job processed by this queue.

2. Select the feed method from the **Paper source** list.

The default setting — Tray, Roll, or Manual — is determined by printer make and model. If there is potentially more than one paper source of the selected type, the actual source is determined by the combination of paper size and availability.

Resize

You can select one of the following **Resize** options:

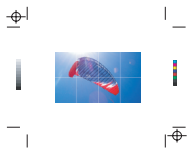
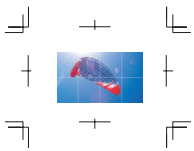
Option	Meaning
	Resize only the width of the print to a given size.
	Resize the width and height of the print to a given size.
	Resize the width and height of the print proportionally to a given percentage of the original.
Scale to fit	Scale the print to fit the media size.

Position

Select the position on your media where you want to print the file. Observe the tips in the **More info** area.

Marks

You can select one of the following marks and specify the length of the marks:

 Standard marks	 Crop marks
Border marks	c_temp_filename Subscript

Mirror

ProofMaster mirrors printing in the horizontal direction. You typically select this option:

- To compensate for mirrored plates of 1-bit source files
- To print on the back of transparent material

Automatic job rotation

ProofMaster can automatically adapt the orientation of your jobs to economize on media.

Template

You can lay out and print multiple copies of a document as defined in a template. You may want to do this, for example, to create a photo contact sheet or a photo album sheet.

A. Template for a photo album sheet

B. Template for a photo contact sheet

You can select one of the templates in the list. The templates you see here are stationery files (*.st3). You find these files in the `ProofMaster 3\Templates` folder. You can use ProofMaster Editor to create your own templates.

Job ticket

A job ticket can be:

- A media wedge or control strip
- Job-specific information

A job ticket is appended to the bottom of each print job. You can use one of the predefined print jobs that come with ProofMaster, for example the ProofMaster control strip, or you can generate your own job ticket. The job tickets which you generate are saved in the `ProofMaster 3/Tickets` folder.

Select the job ticket of your choice from the list.

Note for proofing queues:

If the ProofMaster Certify! option is licensed, you can measure the FOGRA or GATF media wedges to verify that the colors of the proof are within industry-standard or user-defined tolerances. ProofMaster:

1. Compares the colors of the patches of the media wedge to points in the reference profile.
2. Determines whether delta E values are within the limits defined by the chosen standard (ISO or custom).

See also:

- Generating a job ticket on page 95

Input

To set the input properties of a ProofMaster queue

Proceed as follows:

1. Double-click the ProofMaster queue of your choice.
2. Make sure that the correct **Queue type** is selected.
3. Click the **Input** tab.
4. Set the input properties of the ProofMaster queue:
   - ICC profiles and rendering intent
   - Honor embedded profiles
   - Black point compensation
   - Pure hue
   - Load CSF

Observe the tips in the More info area to help you make the correct choices.

Screen printing queues

Color conversion of images depends on the selection of a reference profile that serves as a "separation" profile. This reference profile is embedded in the printer profile used by the queue.

For example, to set up generation of halftone separations from an RGB image, you could:

1. Select Adobe RGB as the input profile (set on the **Input** tab).
2. Select ISO Coated ICC as the separation profile (embedded in the printer profile set on the **Output** tab).

ProofMaster in turn:

1. Converts the supplied image from RGB to CMYK with reference to the profile settings.
2. Generates halftone separations from the resulting CMYK image.

ICC profiles and rendering intent

You can set the input ICC profiles and rendering intents for images and vector graphics.

If you're going to print images or vector graphics of a given color space to this queue, it is strongly recommended that you select and ICC profile for that color space. If the workflow uses a known ICC profile, you can use that profile. If you select the RGB to Gray profile, conversions are from RGB to Lab Gray.

For the Cie Lab color space, ProofMaster always uses the CIE Lab D50 profile.

For **proofing** queues, it is recommended not to select any profiles.

Honor embedded profiles

Images and vector graphics may already be tagged with an ICC profile. If you expect this to be the case, you can select the option **Honor embedded profiles**. The ICC profiles embedded in images and vector graphics will then take precedence over the input ICC profiles you specify for the ProofMaster queue.

For **proofing** queues, it is recommended not to select this option.

Black point compensation

If you want ProofMaster to map the black point of input profiles to the black point of the output (printer) profile, check **Black point compensation**.

In some cases, black point compensation can enhance shadow detail. For **proofing** queues, it is recommended not to select this option.

Pure hue

Select **Pure hue** if you want to print text and vector graphics using pure primary and secondary colors (red, green, blue, cyan, magenta, yellow).

This option turns off color management for text and vector graphics composed of primary and secondary colors, but not for images. In other words, only vector elements that are built up with primary and secondary colors are printed with pure ink colors. For example, a yellow vector element is printed using yellow inks only. The resulting output is pure yellow, but colorimetrically incorrect.

For **proofing** queues, it is recommended not to select this option.

Load CSF

This option is only recommended for photo printing queues.

To synchronize color handling by ProofMaster and Adobe Photoshop, you can click **Load CSF** and select a Color Settings File (*.csf) created through Photoshop.

See also:

- Adobe Photoshop Help > Search for “color settings file”

Proofing

To set the proofing properties of a ProofMaster queue

Proceed as follows:

1. Double-click the ProofMaster queue of your choice.
2. Make sure that the correct **Queue type** is selected.
3. Click the **Proofing** tab.
4. Set the proofing properties of the ProofMaster queue:
   - Reference profile
   - DeviceLink profile
   - Paper color simulation
   - Prefer PDF/X reference profile
   - Substrate simulation
   - Solid black (color proofing queue only)
   - 1-Bit

Observe the tips in the More info area to help you make the correct choices.

Reference profile

Select the reference profile for the printing process you want to simulate.

DeviceLink profile

Select the DeviceLink profile, if appropriate and already available.

You can configure a DeviceLink profile later on, after linking the target reference and printer profiles in ProofMaster Calibrator.
You can create a DeviceLink profile only if the **Advanced Color** option is licensed.

See also:

- "Creating a DeviceLink" in the ProofMaster Calibrator User Guide

Paper color simulation

You can simulate the paper color described in the reference profile using absolute colorimetric rendering intent.

Paper color simulation applies absolute colorimetric rendering to the reference-to-printer conversion.

Prefer PDF/X reference profile

You can select the option **Prefer PDF/X reference profile** if a reference profile embedded in a PDF/X file should always take precedence over the reference profile set up for this queue. This option does not affect how ProofMaster converts input color spaces to the output intent set in a PDF/X-3 file.

Substrate simulation

If you have licensed the **Advanced Color** option for ProofMaster, you can simulate the texture (substrate qualities) of the reference media. To do this, you proceed as follows:

1. In ProofMaster Calibrator, select and edit a substrate for the reference profile of this queue.
2. In ProofMaster RIP, select **Substrate simulation**.

The **Advanced Color** option provides additional functionality relating to substrate simulation.

See also:

- "Selecting and editing a substrate" in the ProofMaster Calibrator User Guide

Solid black (color proofing queue only)

Select this option to use only the black ink instead of four inks to print all vector graphics and fonts that are 100 % black. You can thus preserve the sharpness of small text.

Do not select this option for contract proofs.

1-Bit

1 Select a raster-printing mode from the **Output mode** list:

Option	Meaning
Accurate Color	Provides full color management by printing color-corrected CMYK and spot color raster points. **Recommended for**: color proofing.
Accurate Color + Pure Black	Provides partial color management by printing color-corrected CMY and spot color raster points. K (black) raster points are only color-corrected if mixed with CMY. In other words, a set of CMYK plates is under full color management; a K plate is omitted only in the absence of other colors. **Recommended for**: newspaper proofing.
Pure dot	Prints all CMYK raster points without color correction. Pure dot can improve moiré detection and visibility of the rosette structure of a print. **Recommended for**: imposition printing

2 If you want to compensate for a plate curve in the imagesetter or platesetter RIP that generates the 1-bit source files, then define and select a similar curve from the **Plate curve compensation** list.

Applying an appropriate plate compensation curve makes printed output linear. The list contains all user-defined curves defined for this purpose and stored in the `ProofMaster 3/PlateCurves/` folder. You can click **Define** to create or modify a user-defined plate compensation curve.

3 If you want to print 1-bit separations in black only, select **Print separations as black**.

4 If 1-bit sources provide negative plates or films and you want to print positive proofs, select **Negative plates**.

Output

To set the output properties of a ProofMaster queue

Proceed as follows:

1. Double-click the ProofMaster queue of your choice.
2. Make sure that the correct **Queue type** is selected.
3. Click the **Output** tab.
4. Set the output properties of the ProofMaster queue:
   - Printer profile
   - Spot color library
   - Convert all spot colors to process
   - Convert all CMYK spot colors to process
   - Color edits

Observe the tips in the More info area to help you make the correct choices.

Printer profile

A printer profile is specific to each printer and media type that you are using for each queue.

Select the printer profile that most closely matches the target inkjet printer-media combination.

You can find existing printer profiles in:

- The ProofMaster library of printer profiles, which is distributed on CD, and updated in the Support area of www.proofmaster.net.
- The `ProofMaster 3/Calibration/` folder on your computer, which can contain standard or user-defined printer profiles.

If the best match is not close enough, you can create a printer profile with ProofMaster Calibrator.

See also:

- Calibrating printers in the ProofMaster Calibrator User Guide.

Spot color library

You can use a specific spot color library for this queue.

Click the **Browse** button ( ) and select the library file you want to use.

The custom spot color library supplements the standard spot color libraries provided in the `ProofMaster 3/Libraries/` folder.

You can add or modify a custom spot color library later on.

Convert all spot colors to process

You can convert all spot colors to process colors. When you select this option, ProofMaster looks up the process values for spot colors used by a job:

- In the input CMYK profile set on the **Input** tab of photo printing queues
- In the reference profile of proofing queues

See also:

- Input > ICC profiles and rendering intent on page 57

Convert all CMYK spot colors to process

You can convert all CMYK spot colors to process colors. To be convertible, CMYK spot colors must have process CMYK names (C or Cyan, and so on). ProofMaster looks up process values:

- In the input CMYK profile set on the **Input** tab of photo printing queues
- In the reference profile of proofing queues

See also:

- Input > ICC profiles and rendering intent on page 57

Color edits

You can create color edits in ProofMaster Editor and save these as *.imgedit files in the `ProofMaster 3/ImageEdits/` folder. If you have done this, you can select the color edit file for this queue here. Color edits do not modify either the source files that are printed, or the printer profile.

See also:

- "Creating color edits" in the ProofMaster Editor User Guide

Driver

To set the driver properties of a ProofMaster queue

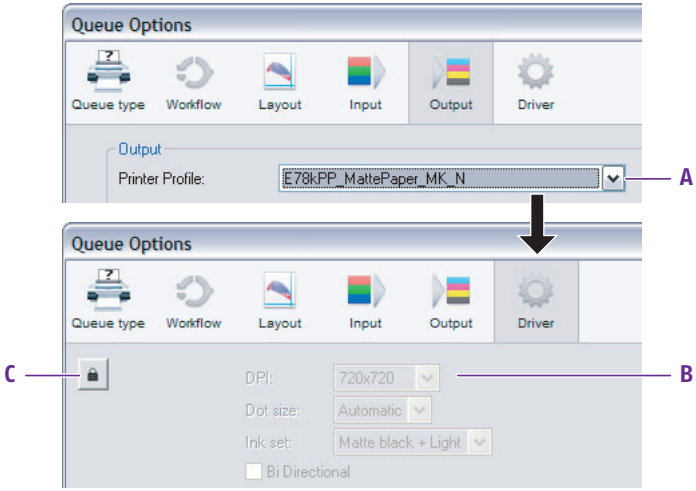
Proceed as follows:

1. Double-click the ProofMaster queue of your choice.
2. Make sure that the correct **Queue type** is selected.
3. Click the **Driver** tab.
4. Set the driver properties of the ProofMaster queue.

Observe the tips in the More info area to help you make the correct choices.

Locking and unlocking driver settings

Some of the driver settings may be dimmed. These are color-critical settings which have been locked, because you previously selected a printer profile in the **Output** tab.



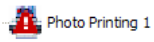
A. Printer profile selected in the **Output** tab.

B. Dimmed driver options.

C. Padlock button indicating that the options are locked.

You have the following options:

- You can click the padlock button ( ) to unlock the color-critical settings and change these settings **temporarily**. Temporary changes remain in effect until you click the padlock button ( ) again. An exclamation mark will appear on the ProofMaster queue icon.

  Exclamation mark on the queue icon indicating that some of the color-critical driver settings have been unlocked and changed temporarily.

- You can **permanently** change color-critical driver settings by creating a printer profile in ProofMaster Calibrator. You can then select this printer profile for your queue in the **Output** tab.

Screening

To set the screening properties of a ProofMaster queue

Proceed as follows:

1. Double-click the ProofMaster queue of your choice.
2. Make sure that the correct **Queue type** is selected.
3. Click the **Screening** tab.
4. For each of the color channels, check and, if necessary, change the:
   - Halftone screen angle
   - Screen frequency (lpi)
   - Dot shape

Observe the tips in the More info area to help you make the correct choices.

5. If you want ProofMaster to smooth (dither) the edges of the printed dots, select **Anti-aliased halftones**.

A. Anti-aliasing on **B.** Anti-aliasing off

To add a channel

Proceed as follows:

1 Click the + button.

2 If necessary, double-click **New Channel** and rename the channel.

You can give the new channel a **generic** or a **specific** name:

- If you don't rename the channel and use the **generic** name "New Channel", all non-CMYK channels will be screened using the angle, frequency and dot shape settings which you specified for this particular channel.
- If you use a **specific** name, for example "Warm Red", only the non-CMYK channel with that particular name will be screened using the angle, frequency and dot shape settings which you specified for this channel.

3 If necessary, double-click the color patch next to the channel name and define its display color.

Chapter 3

Chapter 3:
Managing ProofMaster queues

Topics

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- Duplicating a queue 73
- Deleting a queue 74
- Grouping queues 75

Pausing and resuming a queue

To pause and resume a queue

Proceed as follows:

1. Select a queue in the **Output to** pane.
2. Choose **File > Queue > Hold**.
3. To resume processing, choose **File > Queue > Hold** again.

Duplicating a queue

Creating a new queue based on an existing one

Duplicating a queue allows you to quickly create a new queue which is similar to one of the existing queues. Once you have duplicated a queue, you can change the properties, for example the media settings, of the queue.

To duplicate a queue

Proceed as follows:

1. In the Output to pane, select the queue which you want to duplicate.
2. Choose **File > Queue > Duplicate**.
3. If necessary, select a different **Queue type**.
4. Click the **Workflow** tab.
5. Enter a unique, descriptive name for the queue in the **Queue Name** box.
6. Click the **Browse** button ( ) in the **Input** area and specify the input hot folder.
7. Check and, if necessary, change the other properties of the queue and click **OK** when finished.

See also:

- Creating and configuring ProofMaster queues on page 41

Deleting a queue

About deleting a queue

If you delete a queue, it will be removed from the **Output to** pane. If this queue was registered as a printer, it will also be removed from:

- The list of **Printers and Faxes** in **Control Panel** (Windows)
- The **Printer List** (Mac OS)

The jobs which were processed by this queue, however, will not be removed. They will stay in the list of **Processed Jobs** and the folders and files of these jobs will still be in the work folder which you selected in the ProofMaster preferences. If you wish, you can still reprint these jobs.

See also:

- Sharing ProofMaster queues across the network > To register a ProofMaster queue as a printer on page 31
- Setting the ProofMaster preferences > Work folder on page 33

To delete a queue

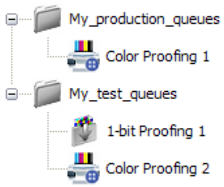
Proceed as follows:

1. Select a queue in the **Output to** pane.
2. Choose **File > Queue > Delete**.

Grouping queues

Managing multiple queues

If you've got multiple queues for a printer, you can organize them into groups. This will make them easier to manage.



Queues organized into groups

To create a group of queues

Proceed as follows:

1. Select a queue in the **Output to** pane.
2. Choose **File > Queue > New Group**.
3. Type a name for the group and click **OK**.
4. Select a queue and drag it into the group folder.

To rename a group

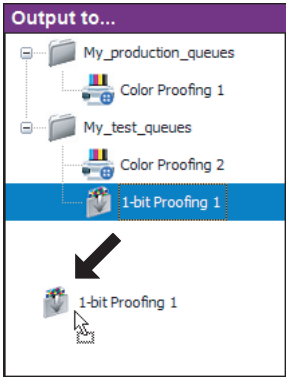
Proceed as follows:

1. Do one of the following:
   - Double-click the group.
   - Select a group and choose **File > Queue > Edit Group**.
2. Change the name of the group and click **OK**.

To delete a group

If you delete a group, all queues in that particular group will be deleted too. If you just want to remove the group, but keep the queues, you have to move the queues out of the group first. Proceed as follows:

1 If necessary, select the queues in the group which you wish to keep and drag them out of the group.



2 Select the group and choose **File > Queue > Delete Group**.

A warning appears saying that all the queues in the group will be deleted too, even if the group does not contain any queues anymore.

3 Click **Yes** to confirm.

Chapter 4

Chapter 4:
Managing jobs

Topics

In this chapter:

- Adding a job to a queue 80
- Reprinting a job 82
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- Pausing and start jobs and printers 85
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- Exporting a job 92
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- Changing the job preview 97
- Spot color handling 98
- Certified PDF handling (Certify! option only) 100

Adding a job to a queue

Various ways to add a job to a queue

You can add a job to a queue in various ways:

- In ProofMaster RIP, using the **File > Add Job** command or **Add Job** ( ) button
- By dragging a file to the main printer window. This is handy if you want to add multiple jobs simultaneously.
- By printing to a queue from within your source application, for example Adobe InDesign or QuarkXPress.
- By printing to a queue from within ProofMaster Editor
- Using a hot folder.

Supported file formats

The way in which you add jobs to a queue depends on the file formats you are using and the method you prefer:

File format	Way to add a job	Method
Single-file formats, for example: PostScript (PS), EPS, PDF, JPG, PNG, BMP, TIFF, AI, etc.	In ProofMaster RIP, using: • The **File > Add Job** command • The **Add Job** button ( )	File by file
	In your source application: print to queue	File by file
	Drag and drop	Multiple files at once, manually
Single-file and multi-file formats, for example: 1-bit TIFF, TIFF/IT, nCT, nLW, etc.	Hot folder	Multiple files at once, automatically

To add a job in ProofMaster RIP

Proceed as follows:

1. Select a queue in the **Output to** pane.
2. Choose **File > Add Job** or click the **Add Job** button ( ).
3. Select a file and click **Open**.
4. If you are using multiple queues, make sure that the correct queue is selected in the print options dialog box.
5. Select other print options, and then click **OK**.

To add a job by dragging it to the main printer window

Proceed as follows:

1. If you have set up multiple printers, do one of the following:
   - Resize the main printer windows, so that you can see all of them.
   - Choose **View** and select the printer to which you want to add a job.
2. In the Finder (Mac OS) or Windows Explorer, select one or more files and drag them to a queue in the **Output to** pane.
3. If you are using multiple queues, make sure that the correct queue is selected in the print options dialog box.
4. Select other print options, and then click **OK**.

To add a job to a queue from within your source application

Proceed as follows:

1. In your source application, for example Adobe InDesign or QuarkXPress, open the file which you want to add to a queue.
2. Choose **File > Print**.
3. Select a ProofMaster queue instead of a regular printer.
4. Select other print options, and then click **OK** or **Print**.
5. Switch to ProofMaster RIP.

   The file which you just printed to a queue will appear in the **Job queue** list.

To add jobs by using a hot folder

When you set up your queue, you specified a hot folder for that queue (in the **Workflow** tab). Now, you can simply collect your files in this hot folder. After a given number of seconds, they will automatically be added to the queue and processed.

There are various ways to collect your files in a hot folder. You can do the following:

- Select files in Windows Explorer or the Finder (Mac OS) and copy or move them to the hot folder.
- You can print to a file from within your source application and specify the path of the hot folder, for example:
  `C:\proofmaster_hot_folders\queue_1\color_ad.ps`
- You can use an existing output folder of a third-party application as your ProofMaster hot folder.

See also:

- Creating and configuring ProofMaster queues > Workflow > Input on page 46

Reprinting a job

About reprinting jobs

You can reprint a job, or part of it. If you do so, you can also decide whether the job should be rerendered or not. You may wish to rerender the job if:

- An error occurred when printing
- Settings of the queue have been changed
- You wish to use a different queue than last time.

To reprint a job without rerendering

Proceed as follows:

1. Check the list of **Processed Jobs** and locate the job which you wish to reprint.
2. Click the **Completed** status indicator of the job in the **Print** column and drag the job to the **Job queue** list.
3. Specify the pages which you wish to reprint and the number of copies, and click **OK**.

   The job is reprinted.

To reprint and rerender a job using the same queue

Proceed as follows:

1. Check the list of **Processed Jobs** and locate the job which you wish to reprint and rerender.
2. Click the **Completed** status indicator of the job in the **Render** column.
3. Drag the selected job to the **Job queue** list.

   The job is rerendered and then reprinted.

To reprint and rerender a job using a different queue

Proceed as follows

1. Check the list of **Processed Jobs** and locate the job which you wish to reprint and rerender.
2. Click the **Completed** status indicator of the job in the **Render** column.
3. Drag the selected job to **a different** queue in the **Output to** pane.

4 Select the **Paper Size** and **Paper Source**, and click **OK**.

The job reappears in the **Render** column of the **Job queue** list. Its status is now on hold:

5 If necessary, double-click the **Hold** status indicator of the job in the **Render** column and check the information about the job.

6 Click the **Hold** status indicator of the job in the **Render** column and click the **Start job** button ( ) in the upper-right corner of the main printer window.

The job is rerendered and then reprinted.

Canceling a job

To cancel a job

Proceed as follows:

1. Select a job in progress in the **Job queue** list.
2. Click the **Pause job** button ( ).

   The job stops and moves to the **Processed Jobs** list.

See also:

- Deleting a job on page 87

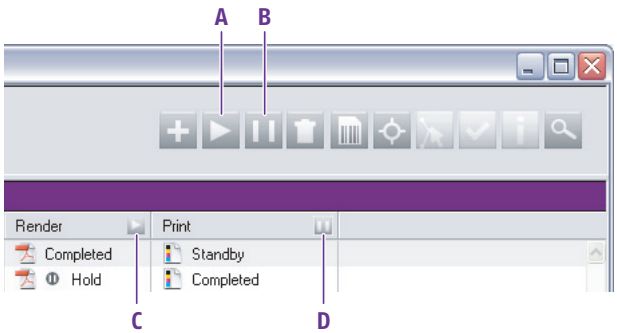
Pausing and start jobs and printers

About pausing and starting

You can pause and start (resume) jobs but also printers. You can do so in either in one of the following processing stages:

Pause/start	Interpret	Render	Print
Job	Yes	Yes	Yes
Printer	No	Yes	Yes

You can use the following buttons to pause and resume jobs or printers:



A. Start job
B. Pause job
C. Printer is started
D. Printer is paused

If you pause a printer, the processing of jobs which are currently in progress will continue. Only jobs which you added to the queue since you last paused the printer will be stopped. The status of these jobs change to **Standby**. They will be processed as soon as you start the printer again.

To pause a job

Proceed as follows:

1. In the **Job queue list**, click the status indicator of the job which you want to pause.
2. Click the **Pause job** button ( ) in the upper-right corner of the main printer window.

   The status indicator of the job changes to **Hold**.

To start (resume) a job on hold

Proceed as follows:

1. In the **Job queue list**, click the **Hold** status indicator of the job which you want to pause.
2. Click the **Start job** button ( ) in the upper-right corner of the main printer window.

   The status indicator of the job changes to **Standby** and the job will be processed.

To pause a printer

Click the printer status icon in the **Render** or **Print** column heading.

The status icon changes to and all jobs which you add to the queues for this printer from now on will be put on standby.

To start (resume) a printer

Click the printer status icon in the **Render** or **Print** column heading.

The status icon changes to and all jobs on standby will be processed.

Deleting a job

Deleting a complete job or part of a job

You can delete a complete job or just the interpreting, rendering or printing part of a job. For example, you may want to delete the interpreting and rendering parts to save disk space but keep the printing part for reprints.

To delete a job

Proceed as follows:

1. In the jobs lists, locate one or more jobs which you want to delete.
2. Do one of the following:
   - To delete a complete job, click the job name. Notice that the **Interpreting**, **Rendering** or **Printing** parts of the job are selected.
   - To delete a job in progress, click the status indicator in the **Render** or **Print** column and click **Pause job** ( ).
   - To delete multiple jobs, hold down the SHIFT key when clicking the job names.
   - To delete part of a job, click the respective status icon in the **Interpret**, **Render** or **Print** column.
3. Click the **Delete job** button ( ).

   The job is removed from the list.

See also:

- Canceling a job on page 84

Loading a roll

About loading a roll

Loading a roll means that you specify the media which are currently on your printer. If you later switch rolls, you can print a barcode on the edge of the current roll and specify the length which is left on the roll.

To load a roll

Proceed as follows:

1. Click the **Load Roll** button ( ) in the upper-right corner of the main printer window.
2. Do one of the following:
   - Select **New roll** and select a roll from the list.
   - Select **New roll**, type the name or number of your roll, and enter its width and length.
   - Select **Existing roll** and enter its ID code.
3. Click **OK**.

   The name, width and length of the currently loaded roll is displayed below the buttons in the upper-right corner of the main printer window.

Certifying a job (Certify! option only)

About certifying jobs

Certifying jobs means that you check whether the proof's colors are up to ISO or custom standards. The process goes as follows:

1. You print a job with a Ugra/Fogra, GATF or ProofMaster control strip.
2. You measure the values and compare these values with the tolerances allowed by the standard.
3. You save the result of this comparison in a certification report.
4. You print a summary on a label, which you can then attach to the proof.

Results according to ISO 12647-2:2004 Offset

Job name:	**TESTdesign**		
Printer profile	**A78kPP_ContractProofPaper_PK_N**		
Reference profile	**USWebCoatedSWOP.icc**		
Date and time	**12/04/2007 17:21:23**		
	delta E	**Tolerance (dE)**	
Substrate:	**0.83**	**3.00**	**OK**
Average:	**1.01**	**4.00**	**OK**
Maximum:	**1.99**	**10.00**	**OK**
Primaries:	**1.99**	**5.00**	**OK**

5. If you use Enfocus Certified PDFs, you can automatically add proofing information and a Unique Identifier Code (UID) in the edit log of the PDF file.

A. Unique Identifier Code in an Enfocus Certified PDF

To certify a job

Proceed as follows:

1 If necessary, double-click a queue in the **Output to** pane and make sure that your queue has the components necessary for certifying jobs:

Tab	Component
Layout	An Ugra/Fogra, GATF or ProofMaster control strip selected as **Job ticket**.
Proofing	A reference profile.
Output	A printer profile.

2 Check whether the queue is **not** set for nesting jobs: it should **not** have the nesting icon. If so, click the queue and choose **File > Queue > Nest** to clear the nesting setting.

Jobs processed by queues set for nesting cannot be certified

3 Add the job which you want to certify to the queue.

4 In the **Processed jobs** list, locate and select the job.

5 Choose **File > Certify Job**.

6 Measure the control strip with a spectrophotometer and click **Next**.

7 Do one of the following:

- Select a standard from the list.
- Click **New set**, and create your own set of custom tolerances.

ProofMaster evaluates data for certification with reference to the technology of the target press. To achieve certification, proofs must be within tolerances set by ISO 12647 for the selected printing technology.

8 Compare the results and click **Next**.

ProofMaster displays the color difference for each of the test patches, highlighting in red any test patches for which the color difference (**delta E**) exceeds the tolerances allowed by the selected standard.

9 Determine whether the proof passes certification and, if not, take the necessary corrective measures.

10 Do one of the following:

- To create a detailed report in PDF format, click **Report** and then save the report.
- To create a summary of the report on a label, click **Print**.

See also:

- Creating and configuring ProofMaster queues > Layout on page 52
- Creating and configuring ProofMaster queues > Proofing on page 59
- Creating and configuring ProofMaster queues > Output on page 62
- Adding a job to a queue on page 80

Exporting a job

To export a job

You can specify an export folder for your queue and then export the original, PostScript or PDF file of a job to this folder.

Proceed as follows:

1. Make sure that you have specified an export folder for the queue: double-click the queue in the **Output to** pane and click the **Workflow** tab.
2. Select a job in either one of the jobs lists.
3. Click the **Export Job** button ( ).

   The job is exported to your export folder.
4. Check your export folder.

See also:

- Creating and configuring ProofMaster queues > Workflow > Export on page 50

Creating a backup of a job

About job backups

A backup of a job is a ZIP file containing all the files which were used to process the job:

- ICC profiles
- Printer profiles (*.dfp)
- Job tickets
- PDF files
- An XML file containing the settings of your ProofMaster printers and queues

You may want to create a backup of a job in case you need support.

To create a backup of a job

Proceed as follows:

1. In the jobs lists, locate the job of which you want to create a backup.
2. Do one of the following:
   - In Microsoft Windows, right-click the job.
   - In the Mac OS, Control-click the job.
3. Choose **Back up Job.**
4. Select a folder and save the ZIP file.

Viewing job information

To view job information

You can view information about a specific job. This can be information about the job itself, but also information about the queue in which the job was processed.

To view job information, do one of the following:

- Double-click the status indicator of the job in the **Render** or **Print** column.
- Select a job in the **Job queue** or **Processed Jobs** list and click the **Job Info** button ( ) in the upper-right corner of the main printer window.

Generating a job ticket

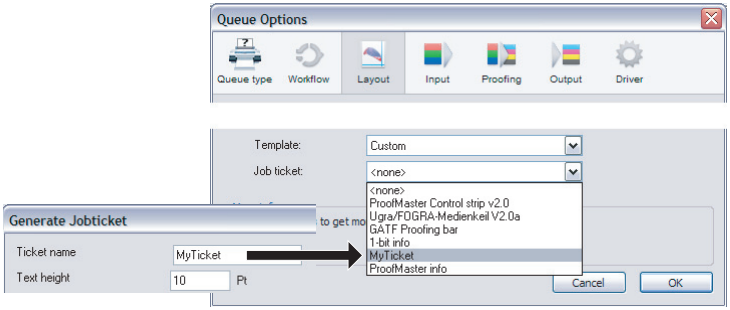
What is a job ticket?

A job ticket can be:

- A media wedge or control strip
- Job-specific information

A job ticket is appended to the bottom of each print job. You can use one of the predefined print jobs that come with ProofMaster, for example the ProofMaster control strip, or you can generate your own job ticket. The job tickets which you generate are saved in the `ProofMaster 3/Tickets` folder.

Once you have generated a job ticket, you can select it for your queue.



Generating a job ticket and selecting it for your queue.

To generate a job ticket

Proceed as follows:

1. Choose **File > Generate Job Ticket**.
2. Type the name of your job ticket.
3. Specify the size of the text.
4. If necessary, click **Image** to select an image and specify its width and height.
5. Select the information which you want to see in the job ticket.

> If you want to print Enfocus Certified PDF information on your proofs, select the option **PitStop certification result**.

6. Click **OK**.

See also:

- Creating and configuring ProofMaster queues > Layout > Job ticket on page 54
- Certified PDF handling (Certify! option only) on page 100

To change a job ticket

You can open and edit a job ticket in ProofMaster Editor. Refer to the ProofMaster Editor User Guide or Help.

Changing the job preview

To show or hide the job preview

Click the **Show/Hide Preview** button ( ) in the main printer window.

To change the location of the job preview

Proceed as follows:

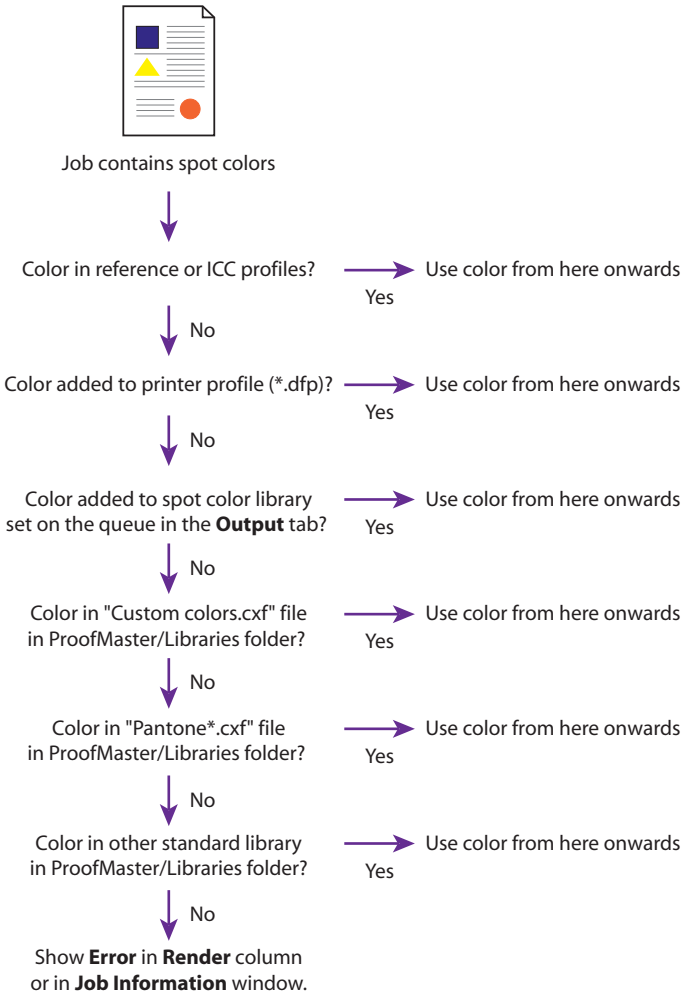
1. If necessary, click the **Show Preview** button ( ) in the main printer window to display the job preview.
2. In the **Preview** pane, click the **Switch Preview Location** button ( ) and select a location for the job preview: to the right or at the bottom of the jobs lists.

Spot color handling

How ProofMaster handles spot colors in jobs

Jobs may contain spot colors. If so, ProofMaster will check the profiles and libraries for these colors in a given sequence. If the spot color cannot be found, an error will be generated.

This is how ProofMaster handles spot colors:


Job contains spot colors
Color in reference or ICC profiles?
Yes
Use color from here onwards
No
Color added to printer profile (*.dfp)?
Yes
Use color from here onwards
No
Color added to spot color library set on the queue in the **Output** tab?
Yes
Use color from here onwards
No
Color in "Custom colors.cxf" file in ProofMaster/Libraries folder?
Yes
Use color from here onwards
No
Color in "Pantone*.cxf" file in ProofMaster/Libraries folder?
Yes
Use color from here onwards
No
Color in other standard library in ProofMaster/Libraries folder?
Yes
Use color from here onwards
No
Show **Error** in **Render** column or in **Job Information** window.

See also:

- Viewing job information on page 94
- Editing the spot color list of a printer profile in the ProofMaster Calibrator User Guide

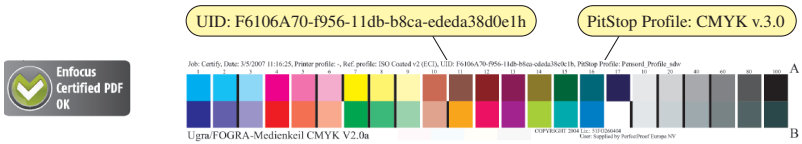
Certified PDF handling (Certify! option only)

Certified PDF status

Enfocus Certified PDF documents may be added to a queue. If so, ProofMaster checks the latest status of the Certified PDF: If it is OK (certified without errors), a green dot will appear in **Certification** column in the list of jobs, even if there is no Enfocus PDF Profile on your computer which matches the PDF Profile embedded in the Certified PDF.

Printing Certified PDF information

You can include the following Certified PDF information on your proofs:



Certified PDF information printed on the proofs: Enfocus Certified PDF status (or), Unique Identifier Code (UID) and name of the Enfocus PDF Profile.

This Certified PDF information will be printed on the proofs:

- Automatically, if you use the Ugra/Fogra or GATF control strip as a job ticket for your queue
- If you use a custom job ticket and selected the option **PitStop certification result** when you generated it.

See also:

- Generating a job ticket on page 95

Exporting Certified PDF documents

The following information is included in the edit log if you export the Certified PDF:

- Your user name
- The Unique Identifier Code (UID)
- The name of the printer
- The name of the printer profile
- The name of the reference profile

See also:

- Exporting a job on page 92
- “Viewing the edit log file” in the Enfocus PitStop Professional User Guide.

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